

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Docket: ANO 6272 US/3554
GREENWOOD, P. et al. :
: Examiner: ----
Serial No.: Unassigned :
Filing Date: Even Date Herewith : Group Art Unit: ----
Title: INJECTION GROUTING :

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

The present Information Disclosure Statement is being filed concurrently with the filing of the instant application; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

European Patent Application Number EP 0 495 336 A1 and German Application Numbers DE 41 04 596, DE 199 25 412 and DE 100 01 831 are not in the English language. A concise explanation of the relevance of these references is provided by the enclosed European Search Report. Additionally, applicants submit herewith English language copies of EPO on-line data base esp@cenet abstracts, respectively.

Japanese Patent Application Number JP 2001-3047 is not in the English language. A concise explanation of the relevance of this reference is provided by the enclosed European Search Report. Additionally, applicants submit herewith an English language copy of Patent Abstracts of Japan abstracting JP 2001-3047.

A copy of the European Search Report dated January 15, 2003 is enclosed herewith.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO-1449 (modified)				Atty. Docket # ANO 6272 US /3554		Serial No. Unassigned	
				Applicant GREENWOOD, P. et al.			
				Filing Date Even Date Herewith		Group Art Unit	
U.S. PATENT DOCUMENTS							
Init	Document Number	Date	Name	Class	Subclass	Filing Date	
	2,630,410 ✓	03-1953	Clapsadle et al.	252	313		
	4,102,400 •	07-1978	Crinkelmeyer et al.	166	283		
	4,687,373 ✓	08-1987	Falk et al.	405	128		
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	5,569,323 ✓	10-1996	Frouin et al.	106	633		
	5,836,390 ✓	11-1998	Apps et al.	166	281		
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FOREIGN PATENT DOCUMENTS							
	Document Number	Publ. Date	Country	Class	Subclass	Translation	
						Yes	No
	0 495 336 A1 ✓	07-1992	European Patent Office	C04B	28 / 26		X
	41 04 596 A1 ✓	08-1992	Germany	C04B	28 / 24		X
	199 25 412 A1 ✓	12-2000	Germany	C09D	1 / 04		X
	100 01 831 A1 (08-2001	Germany	C09D	1 / 04		X
	2001-3047	01-2001	Japan	C09K	17 / 12		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
✓ European Search Report No. EP 02 44 5103 dated January 15, 2003.							
✓ Abstract of EP 4 495 336 from EPO on-line data base esp@cenet.							
• Abstract of DE 41 04 596 from EPO on-line data base esp@cenet.							
Abstract of DE 199 25 412 from EPO on-line data base esp@cenet.							
Abstract of DE 100 01 831 from EPO on-line data base esp@cenet.							
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Iler, Ralph K., "The Chemistry of Silica," John Wiley & Sons, 1979, title page and pp. 407-409							
Iler et al., "Degree of Hydration of Particles of Colloidal Silica in Aqueous Solution," J. Phys. Chem. 60, 1956, p.p. 955-957.							
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.